

BUREAU OF ENVIRONMENTAL REMEDIATION/REMEDIAL SECTION
GUIDANCE
SCOPE OF WORK (SOW) FOR A PRELIMINARY
INVESTIGATION

BER POLICY # BER-RS-017

DATE: 1991

Revised: May 23, 1996

PAGES: 2

The primary objectives of the **Preliminary Investigation (PI)** are described as follows:

- 1) The primary origin(s) or source(s) of contaminants at the site must be identified.
- 2) The type of contamination at the site must be characterized.
- 3) The media affected by the contamination (i.e. soils, groundwater, surface water, air) must be identified.
- 4) The extent of on-site contamination must be characterized.
- 5) The potential for migration from the site must be evaluated.
- 6) Source control options should be identified (as needed).

This Scope of Work outlines activities to be completed as part of the PI. A work plan that will describe in detail the PI activities must be developed and submitted to KDHE for review and approval. In addition, the work plan shall include the following appendices: 1) quality assurance project plan; 2) field sampling plan; and 3) health and safety plan.

The Scope of Work shall at a minimum include the following components:

1.0 HISTORICAL EVALUATION AND SITE DESCRIPTION

A description of all past and present activities or operations at the site, including waste types, disposal methods, spills, leaks, chemicals used, etc., must be included in the PI. In addition, past and present landowners of the site should be identified. Data must be included in the report to support all findings.

2.0 SITE CHARACTERIZATION

A detailed description of field activities to satisfy the primary objectives of the PI; the PI may include several components; 1) on-site hydrogeologic investigation; 2) on-site waste investigation; 3) on-site soil investigation; 4) on-site surface water and sediment investigation; and 5) on-site air investigation. All data gathered during site

characterization must be included into the report.

3.0 **PI REPORT**

Following completion of all field activities a "Preliminary Investigation Report" must be prepared, which includes all data collected from the field activities and historical evaluation. The PI report shall describe in detail the work completed on-site to accomplish the objectives as set forth in this SOW.

4.0 **SCHEDULE**

The PI work plan shall include a complete schedule for completing all activities defined in this SOW.

The PI work plan must be approved by KDHE prior to implementation. KDHE shall provide the PRP(s) notice of approval or disapproval of the PI work plan. A disapproved plan must be modified according to KDHE's recommendations and resubmitted for approval. An approved plan may be implemented provided that KDHE has been notified at least seven (7) days prior to conducting any on-site field activities.